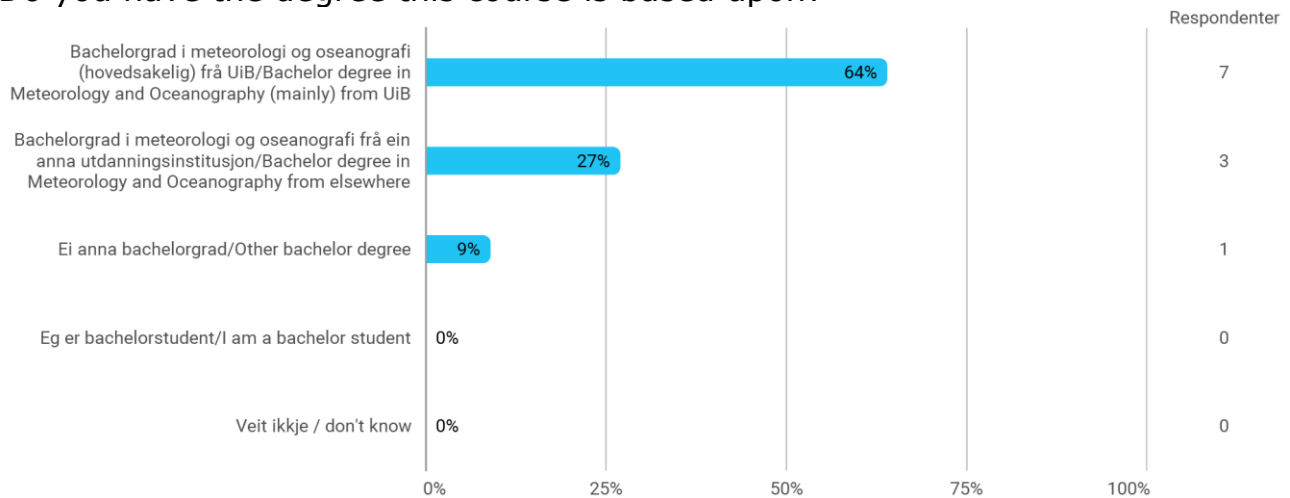


Har du graden kurset bygger på?

Do you have the degree this course is based upon?



Kva emner tek du parallelt med GEO326?

Which courses do you follow parallel to GEO326?

- GEO330, GEO310
- Kjemisk Oseanografi
Turbulens i Atmosfæren
Seminar i Atmosfærisk Vitenskap
- GEO351, GEO212, GEO311
- Geof 311
Geof 351
Geof 210
- phys111
- GEO311 og GEO330
- GEO345
GEO212
GEO311
GEO351
- GEO310
GEO330
AGF311
- Energi 200 og Geof 212
- GEO330
GEO212

Korleis har desse emna fungert saman, fagleg og praktisk?

How has these courses worked together, professional and practical?

- Lite overlapp selv om tar to dynamikkfag. Stort pensum i alle fag
- Brukbar. Meget travelt til tider, men alt i alt helt ok.
- Very well except for a late start and an early end for most of the courses leading to a busy october and november. Could the courses in average last a little longer, maybe?
- De har fungert bra sammen.
- Lectures, exercises and seminars.
- Det var vært ekstremt hardt, siden arbeidsmengden i alle fagene har vært veldig stor. Det har dermed vært veldig tidskrevende, siden vi har hatt mange ekstraforelesninger i både GEO326 og GEO311. Det har gjort at vi ikke har fått god nok tid til å se på ting på egenhånd, og må bruke hele helgen på å lese ting vi burde hatt tid til å gjøre i ukedagene. Etter 6 timer forelesninger på

tirdag og 7 timer forelesninger på onsdager i strekk har det ikke alltid vært fristende å sette seg ned å gjøre oppgaver etterpå...

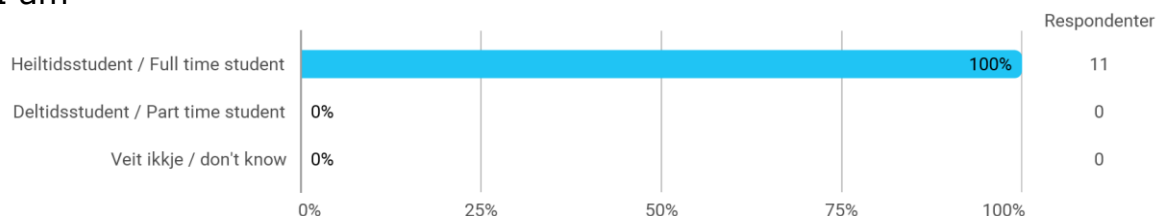
- They have helped me to grasp some basic concepts which are further repeated in this course
- There was some overlapping with GEOF330, but it was okay, since the way of presenting was very different.
- I found the combination with GEOF212 quite fruitful for some chapters, although the overlap was rather small.

The combination with GEOF330(Dynamical Oceanography) had both good and bad parts to it. Since these two course are technically very closely related, I expected a large overlap, but hoped for this overlap to be fruitful and adding value to either course by showing two similar but different approaches to the same thing, thus supplementing each other.

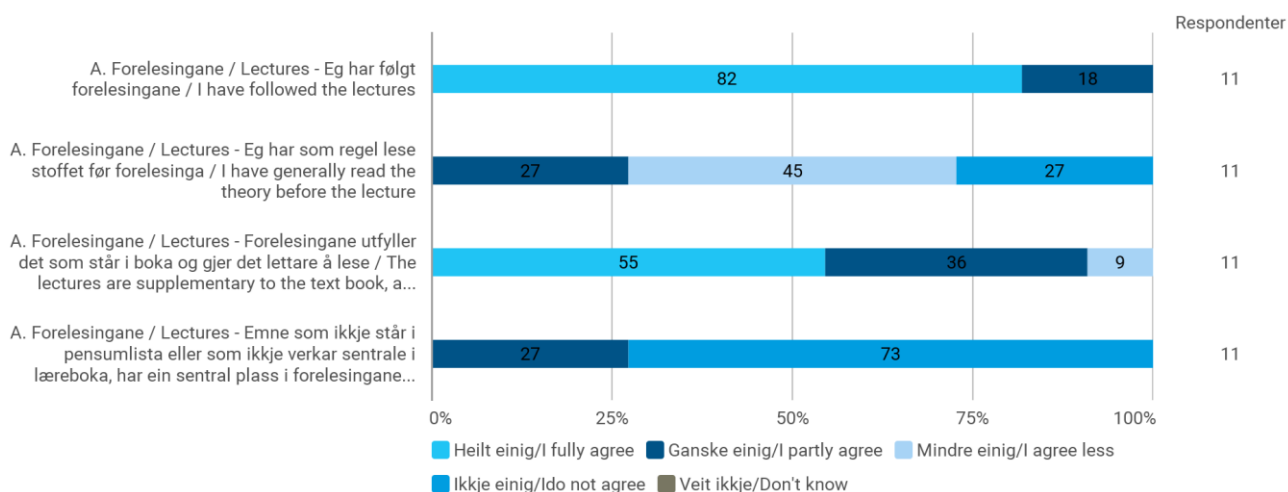
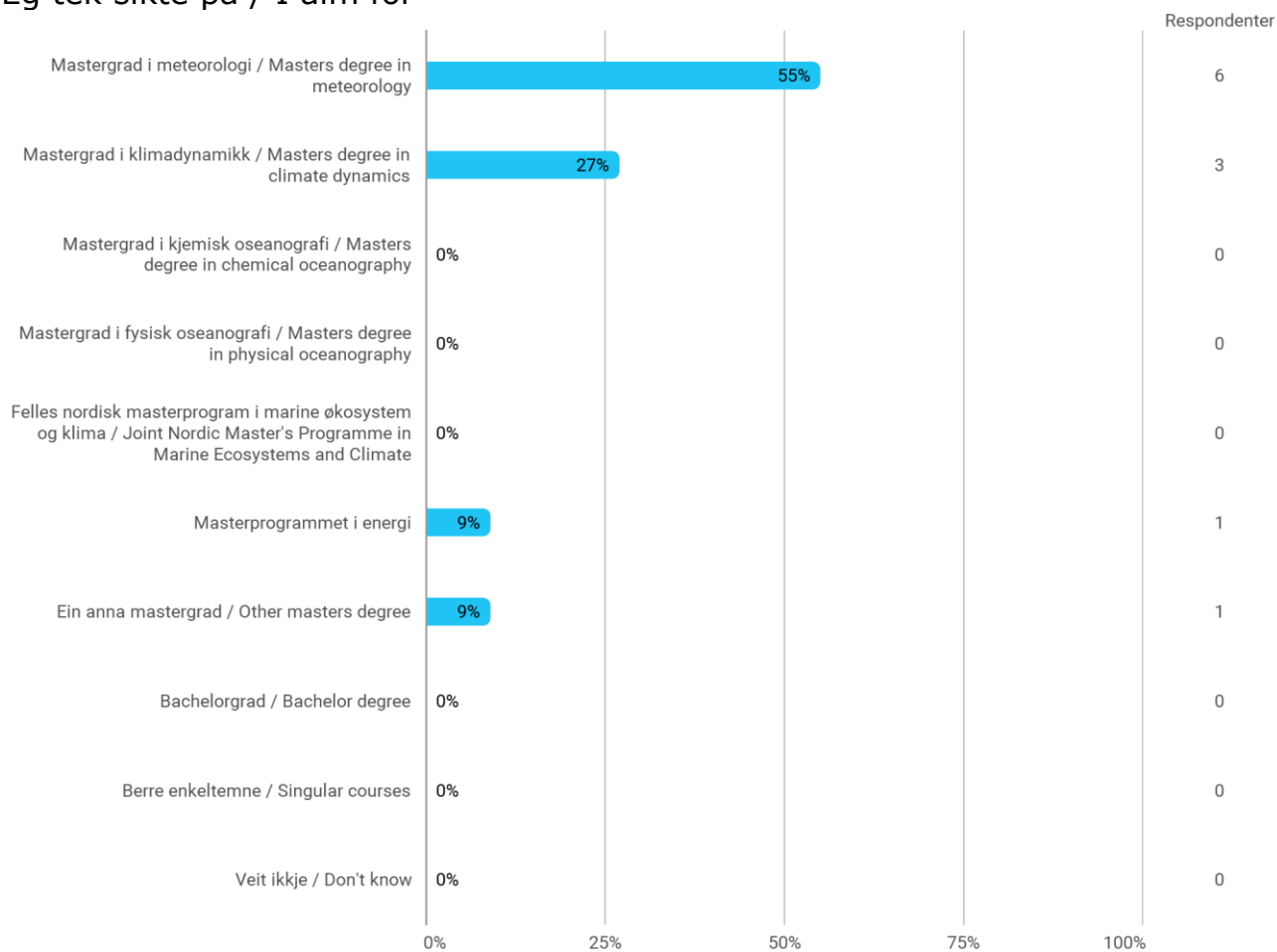
In fact, the approaches and teaching methods were so different, that the overlap was barely notable, which was good in terms of not too much repetition and doubling. Moreover, the doubling of the fluid dynamics fundamentals with yet so different approaches and focus helped to get a better grip on the equations and how to handle them. However, the two courses could have given much more understanding, especially of how ocean and atmosphere relate to each other, at the same or probably less workload, if working much more closely together.

In fact, I would suggest to combine these two courses into one large course (25-30 credits), with a solid lecture on the common fluid dynamics fundamentals and a detailed and directly comparative application to the respective phenomena in ocean and atmosphere.

Eg er / I am



Eg tek sikte på / I aim for

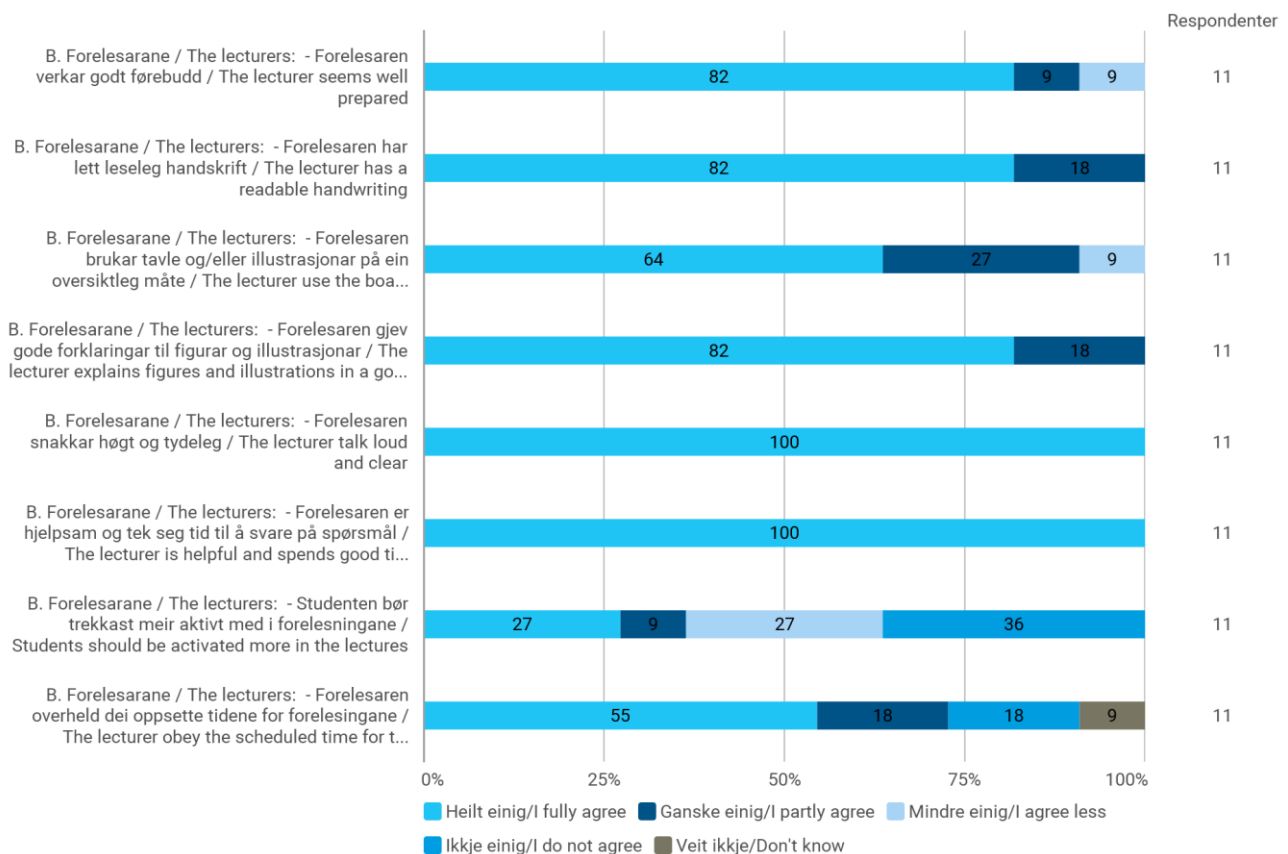


Utfyllande kommentarar om forelesingane:

Additional comments regarding the lectures:

- Kjempebra forelesninger. Veldig flink foreleser. Har lært veldig mye
- The lectures fully supplement the syllabus and makes it interesting and easier to follow the book. A combination between power point and writing on the blackboard is a good approach, in addition to discussion with the students.

- Foreleser går alt for fort gjennom ting, og lar oss ikke få nok tid til å skrive opp det han sier. Han skriver ned svært lite på tavla, og jeg er avhengig av gode forelesningsnotater fra faget om jeg skal lære meg det i ettertid, for ting som bare blir sagt muntlig glemmer jeg relativt fort.
- Very interesting and the Lecturer takes more effort to see that everyone understands the course and concept.
He usually gives introductory quiz which I think are good and make you think hard and reason. At the end of it all you have a chance to discuss with fellow students and later on with the lecturer himself in case of many disagreements.
- Veldig flink foreleser.
- As announced in the beginning, the lecture was indeed quite challenging and demanding, but very rewarding. I gained a very good understanding of the course' topic and a completely new way of thinking regarding the topic.
I am ambiguous towards the focus of the course: On the one hand, a strict focus on mid-latitude eddy processes allowed for a very in-depth and detailed discussion of the relevant processes. On the other hand, I would have expected a course on "dynamics of the atmosphere" to at least tackle all important global circulation features, and to include the role of moisture.
Here again, I would appreciate a larger course (combined with dynamical oceanography) that would cover all important global dynamical features in ocean and atmosphere.



Utfyllande kommentarar til forelesar:

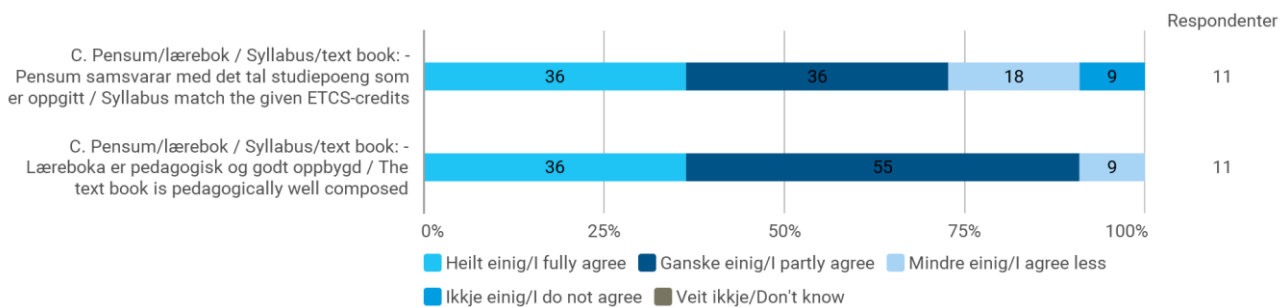
Additional comments on the lecturer:

- Foreleser forklarar figurer på en god måte, men forklaringer blir ikke skrevet ned på tavle eller power point, så det umulig å huske forklaringer i ettertid. Med mindre en er svært godt forberedt til timen, er det vanskelig å henge med, fordi ingenting blir skrevet ned. Arbeidsmengde i forhold til gruppeoppgaver og andre fag, er for stor til at det er mulig å være godt forberedt.

Foreleser overholder ikke oppsatte tider for forelesninger! Foreleser satt opp 2timer undervisning ekstra i uken, fordi foreleser er vekkrest enkelte uker. Dette passer ikke med timeplanen til alle studentene. Like stort pensum som tidligere år blir gjennomgått på kortere tid. Dette øker studentenes arbeidsmengde. Hadde vært bedre for oss om det ble ordnet vikar/gjesteforeleser uker foreleser er utilgjengelig.

Under en uke mellom siste forelesning og eksamen, er i knappeste laget.

- Foreleser var borte mange uker i starten av semesteret, noe som gjorde det mer travelt i slutten av semesteret. Litt uheldig med tanke på at dette er den mest travle perioden og gjerne er tid man vil bruke på selvstendig lesing. Det hadde vært bedre å avslutte forelesningene litt før.
 - Hvis det blir forklart figurer i timen og man ikke forstår de der er det vanskelig å forstå de senere fordi det er vanskelige forklaringer i boken. Kanskje kunne det blitt inkludert forklaring til en del illustrasjoner i power point slidsene
 - It has been great fun coming to the lectures. A very inspiring and understanding lecturer. He want's to give the students the expected knowledge and prepare for later courses.
 - To me he does everything perfect as far as the course is concerned. He is superb in that course.
 - Very well lectures!
 - Very good didactics!
- Interactive lectures with many questions to the audience. I was motivated to follow the lectures actively and felt like the lecturer cared if we could follow.
Good effort in trying to get the students to participate in class, however an initial comment to encourage them not to be shy might have been helpful.



Sakna du nokre forkunnskapar?

Did you miss any background knowledge?

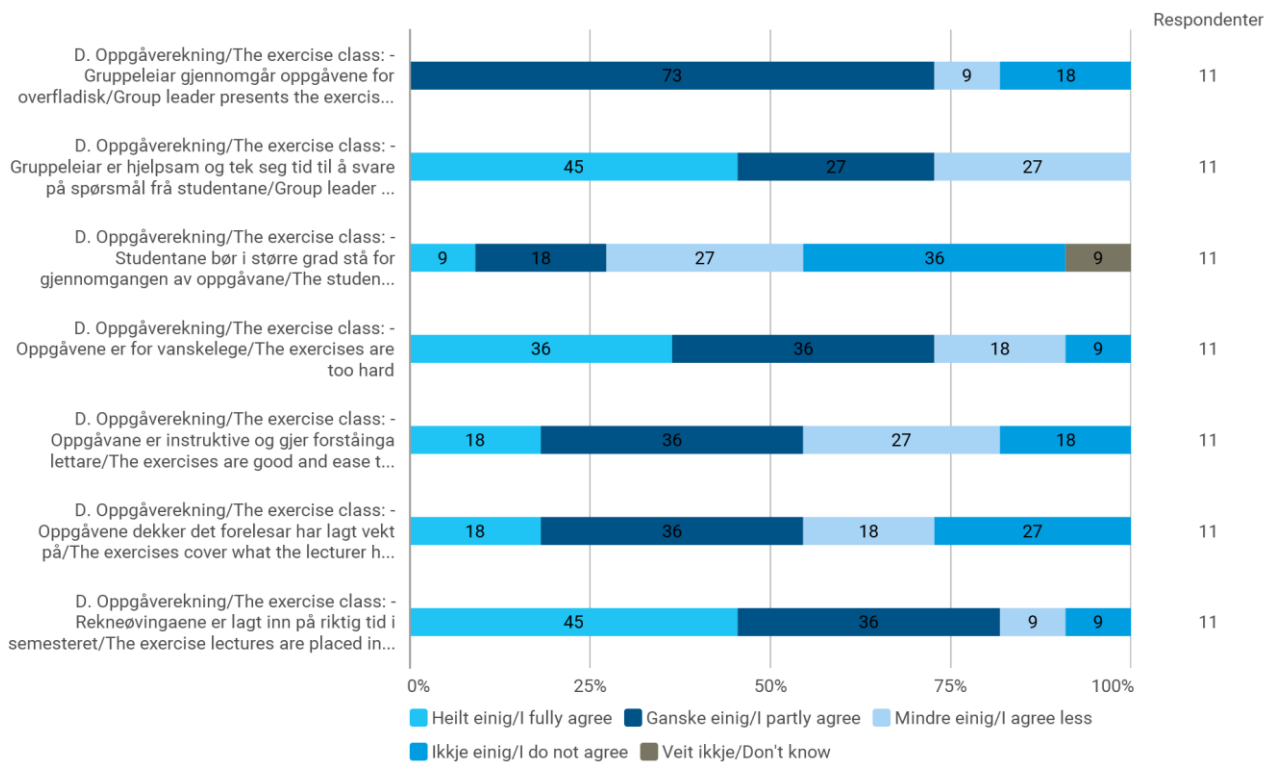
- nei
- Jeg burde nok hatt litt bedre matematiske forkunnskaper.
- Ja. Synes faget er et veldig stort sprang fra dynamikken vi hadde i geof 110
- Yes. I feel that even with a BA in meteorology and oceanography and all the math that contains, that we miss some total background physical understanding on some subjects, such as waves, vorticity, and maybe applications of math/physics into what we will use it for later.
- No
- No

Utfyllande kommentarar til pensum/lærebok:

Additional comments on the syllabus/text book:

- Hvis man sammenligner dette kurset med andre kurs på ti poeng, så er tidsbruken på dette kurset betydelig større. Dette er et kurs man må jobbe med kontinuerlig flere timer om dagen og har definitivt mer kompliserte emner enn mange andre kurs. Sammenlignet med tidsbruk på andre kurs på 10 poeng, er dette definitivt mer krevende og kunne lett hatt flere studiepoeng.
- The book is very well written, and following the book in the lectures makes it easier to understand what is written in the book. However, I sometimes feel that the figures miss some explanations and also calculations between different important equations are sometimes skipped.
- Nothing
- It would have been nice to have more time to go into more detail of how the theoretical principles we learned relate to the reality, and to see where and how we can apply the knowledge we gained.

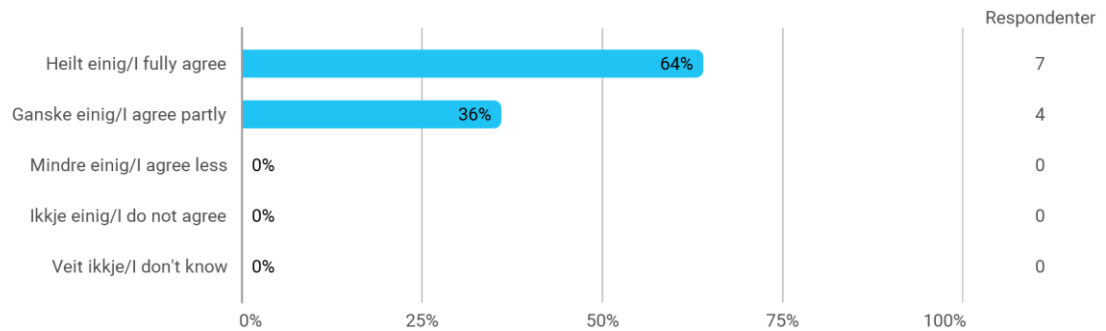
Thus, it would be good to give more time for the lecture (and more ECTS), best in combination with GEOF330 (see above).



Utfyllande kommentarar om oppgåverekninga: Additional comments on the exercise class:

- Some of the exercises very mathematical, and the physical aspects of them were sometimes hard to describe. In the beginning I felt that the exercises covered what we had went through in the lectures, but in the end everything became very mathematical, and the group leader had troubles with explaining the physical aspects to the students.
- Alt for vanskelige og alt for matematiske oppgaver, mister veldig mye motivasjon for faget når oppgavene er så vanskelig. Flere gruppeøvinger hvor mange av studentene ikke har fått til en eneste oppgave. Tok opp dette [...] på en gruppetime, og oppgavene uken etter ble veldig mye bedre og mer forståelige og vi trodde det var i orden. Resten av ukene gikk [...] tilbake til de vanskelige oppgavene igjen, så det var ikke helt heldig.
- Really enjoyable most especially when you are prepared and have all the tasks done. You enjoy exchanging ideas with fellow students and the Teaching Assistant.
- The exercise were very mathematical (with a much too large share of the time spent on the exercises spent on mathematical issues) and I found them barely helpful in understanding the course material and in preparing for the exam. This was part of the didactical concept of the lecture, but I disagree with this concept.

E. Emnet som heilskap / The course as a whole: - Emnet har bidrege til å auke interessa for faget/The course has contributed to increase my interest for the subject



Utfyllande kommentarar om emnet som heilskap:

Additional comments on the course as a whole:

- Faget er spennende, og en lærer mye. Struktur på forelesninger og gruppetimer er ikke ideelt, og reduserer utbyttet.
- Ekstremt vanskelig, men samtidig interessant. Noen ganger så vanskelig at det er demotiverende, men derimot mer motiverende når man får det til. Lurt å finne balansegangen.
- The course is very practical though someone may look at it as being theoretical. It provides the necessary knowledge needed for the field of Meteorology.
- Very good lectures, very good lecturers!

Since it is very demanding, there are nonetheless some things that could be improved, especially the exercises, the relation of the exercises to the lecture and the interaction with GEOF330.

I liked the idea of reading up on the topics before the lecture, which sure would have enabled a whole different level of the lectures, but this would require another way of integrating this in the study program (more time and ECTS assigned to it, thus less other courses).<

Thank you for an inspiring and rewarding lecture!

Samlet status

